

## Higher education expenditures per student

*Faculty and staff salaries and institutionally supported research account for a large share of higher education expenditures. Since differences in institutional spending can affect the quality of instruction and learning experiences, understanding variations in expenditure categories can provide some insight into the organization and operation of higher education institutions.*

- Overall spending per full-time-equivalent (FTE) student increased at all types of higher education institutions between 1984 and 1994. In 1996 constant dollars, increases ranged from 15 percent at public 2-year colleges (from \$5,636 to \$6,462 per FTE student) to 39 percent at private universities (from \$26,185 to \$36,280 per FTE student).
- Although instructional expenditures per FTE student increased between 1984 and 1994, instructional spending as a percentage of total expenditures fell at public universities, public 4-year colleges, and private 4-year colleges. At private universities and public 2-year colleges, the percentages of total expenditures in the 2 years were similar (see supplemental table 54-1).
- Between 1984 and 1994, research expenditures increased by 38 percent in private universities (from \$4,643 to \$6,405) and 43 percent in public universities (from \$2,996 to \$4,288). Over the decade, research spending accounted for roughly 18 percent of total institutional expenditures in private universities, and rose from 19 to 22 percent of total spending in public universities (see supplemental table 54-1).

**Educational and general expenditures of institutions of higher education per full-time-equivalent (FTE) student (in 1996 constant dollars), by selected expenditure categories and control and type of institution: Academic years ending 1977–94**

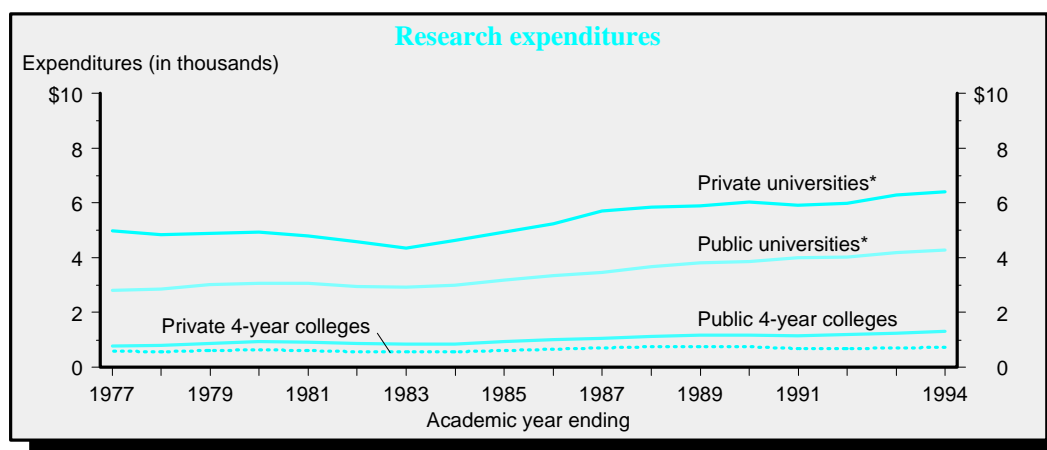
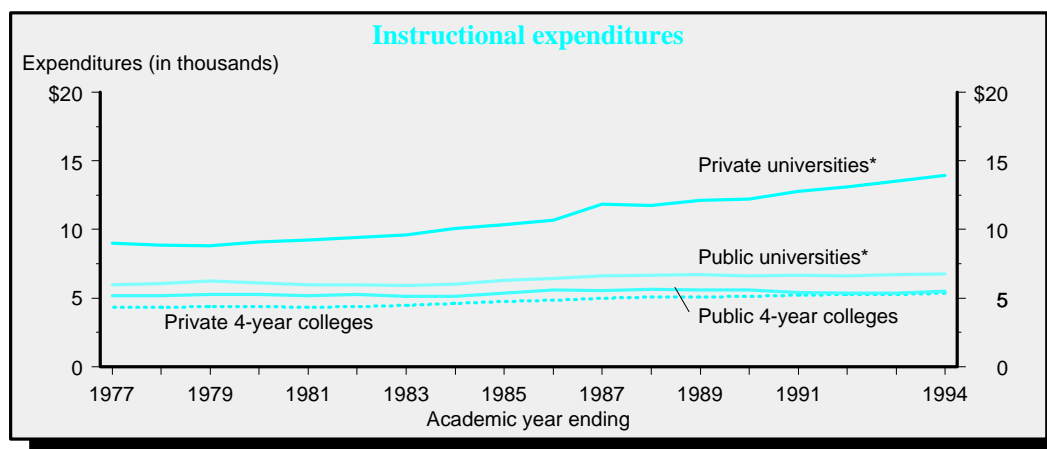
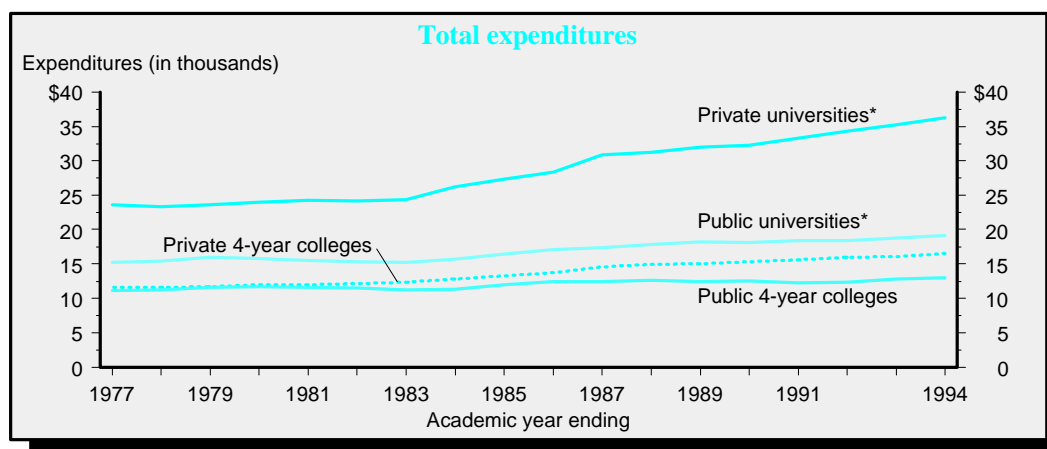
Academic year ending	Universities*						Colleges					
	Private			Public			Private 4-year		Public 4-year		Public 2-year	
	Total	Instruc- tion	Re- search	Total	Instruc- tion	Re- search	Total	Instruc- tion	Total	Instruc- tion	Total	Instruc- tion
1977	\$23,644	\$8,990	\$4,979	\$15,273	\$5,955	\$2,803	\$11,656	\$4,353	\$11,137	\$5,166	\$6,003	\$3,066
1978	23,365	8,867	4,855	15,409	6,046	2,860	11,604	4,351	11,233	5,193	6,034	3,054
1979	23,660	8,841	4,901	15,969	6,238	3,023	11,746	4,367	11,592	5,289	6,240	3,131
1980	24,003	9,088	4,927	15,799	6,124	3,080	11,947	4,380	11,721	5,259	6,136	3,086
1981	24,268	9,251	4,808	15,536	5,985	3,055	11,989	4,323	11,591	5,196	5,873	2,973
1982	24,201	9,452	4,581	15,334	5,953	2,953	12,156	4,388	11,546	5,271	5,874	2,989
1983	24,397	9,606	4,359	15,300	5,941	2,935	12,410	4,496	11,267	5,145	5,557	2,827
1984	26,185	10,098	4,643	15,671	6,043	2,996	12,828	4,613	11,384	5,138	5,636	2,864
1985	27,276	10,367	4,948	16,423	6,286	3,190	13,304	4,736	12,029	5,388	6,182	3,108
1986	28,306	10,690	5,232	17,062	6,430	3,357	13,762	4,825	12,424	5,596	6,364	3,176
1987	30,920	11,877	5,703	17,374	6,601	3,471	14,587	5,008	12,429	5,557	6,473	3,212
1988	31,288	11,745	5,856	17,830	6,656	3,672	14,937	5,089	12,671	5,650	6,381	3,140
1989	31,994	12,150	5,894	18,180	6,694	3,809	15,097	5,102	12,485	5,569	6,457	3,201
1990	32,324	12,224	6,022	18,119	6,627	3,870	15,339	5,143	12,588	5,588	6,277	3,125
1991	33,318	12,759	5,925	18,444	6,688	4,008	15,592	5,211	12,239	5,428	6,347	3,164
1992	34,328	13,100	5,983	18,362	6,616	4,036	16,001	5,295	12,409	5,360	6,064	3,050
1993	35,241	13,528	6,291	18,786	6,699	4,194	16,134	5,292	12,849	5,395	6,147	3,080
1994	36,280	13,955	6,405	19,171	6,768	4,288	16,524	5,344	13,007	5,477	6,462	3,189

\* Includes doctoral-granting institutions with and without medical schools.

NOTE: The Higher Education Price Index (HEPI) was used to calculate constant dollars and the Consumer Price Index (CPI) was used to forecast the HEPI to July 1996. Data for academic years 1976–77 through 1993–94 include only institutions that provided both enrollment and finance data.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Digest of Educational Statistics, 1996* (based on the IPEDS/HEGIS "Fall Enrollment," "Financial Statistics," and "Institutional Characteristics" surveys).

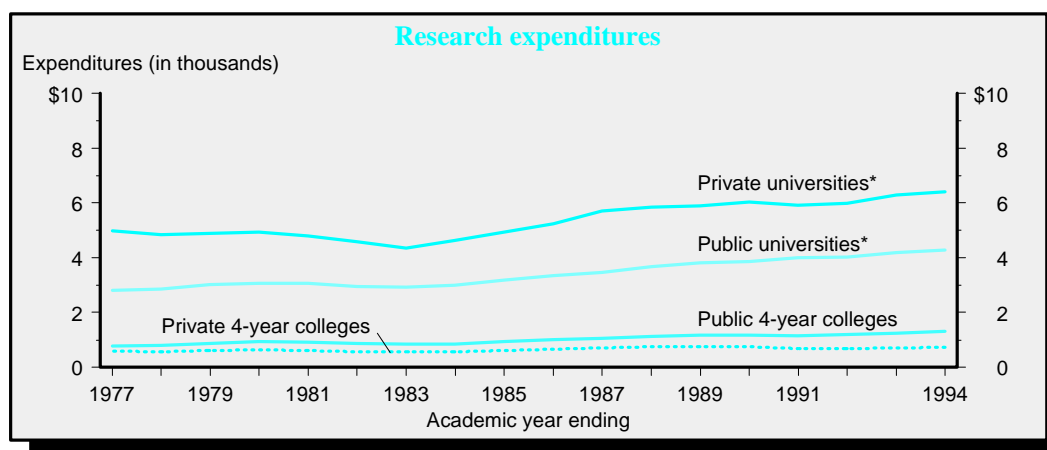
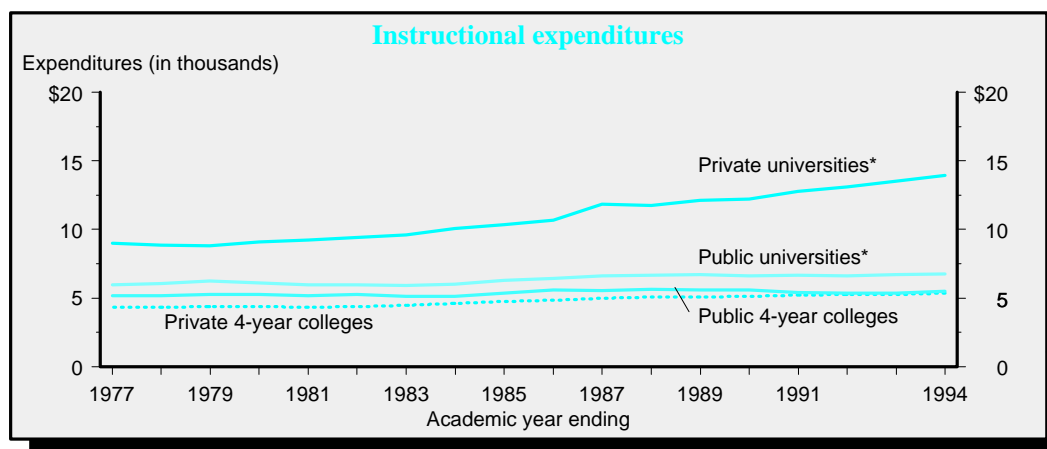
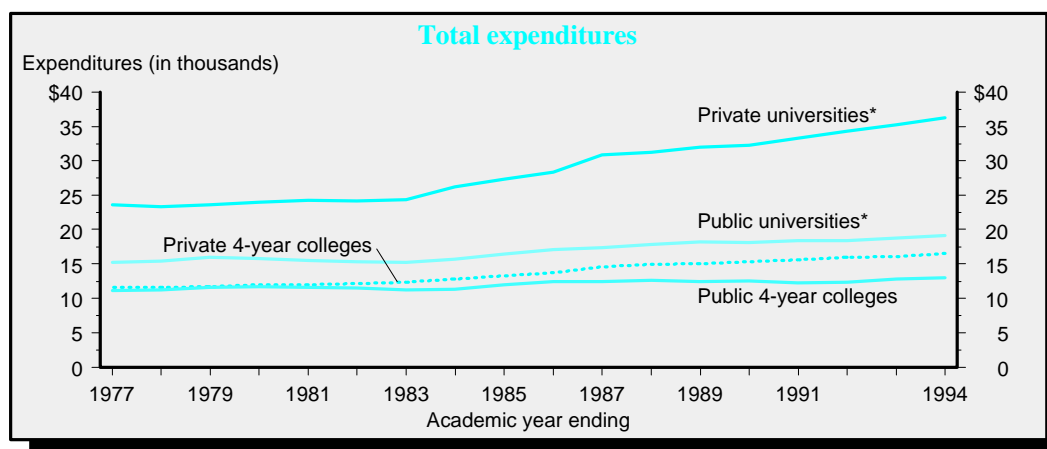
**Educational and general expenditures of institutions of higher education per full-time-equivalent (FTE) student (in 1996 constant dollars), by type of institution: Academic years ending 1977-94**



\* Includes doctoral-granting institutions with and without medical schools.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Digest of Educational Statistics, 1996* (based on the IPEDS/HEGIS "Fall Enrollment," "Financial Statistics," and "Institutional Characteristics" surveys).

**Educational and general expenditures of institutions of higher education per full-time-equivalent (FTE) student (in 1996 constant dollars), by type of institution: Academic years ending 1977-94**



\* Includes doctoral-granting institutions with and without medical schools.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Digest of Educational Statistics, 1996* (based on the IPEDS/HEGIS "Fall Enrollment," "Financial Statistics," and "Institutional Characteristics" surveys).

**Educational and general expenditures of institutions of higher education per full-time-equivalent (FTE) student (in 1996 constant dollars), by selected expenditure categories and control and type of institution: Academic years ending 1977-94**

Academic year ending	Universities*						Colleges					
	Private			Public			Private 4-year		Public 4-year		Public 2-year	
	Total	Instruc- tion	Re- search	Total	Instruc- tion	Re- search	Total	Instruc- tion	Total	Instruc- tion	Total	Instruc- tion
1977	\$23,644	\$8,990	\$4,979	\$15,273	\$5,955	\$2,803	\$11,656	\$4,353	\$11,137	\$5,166	\$6,003	\$3,066
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1980	24,003	9,088	4,927	15,799	6,124	3,080	11,947	4,380	11,721	5,259	6,136	3,086
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SOURCE: U.S. Department of Education, National Center for Education Statistics, *Digest of Educational Statistics*, 1996 (based on the IPEDS/HEGIS "Fall Enrollment," "Financial Statistics," and "Institutional Characteristics" surveys).

**Table 54-1 Percentage distribution of educational and general expenditures of institutions of higher education per full-time-equivalent (FTE) student, by expenditure categories, and control and type of institution: Academic years ending 1977-94**

Academic year ending	Total	Instruction	Administration <sup>1</sup>	Student services	Research	Libraries	Public service	Operation and maintenance of plant	Scholarships and fellowships	Mandatory transfers
Private universities <sup>2</sup>										
1977	100.0	38.0	13.2	3.3	21.1	4.2	2.2	8.8	8.1	1.1
1978	100.0	37.9	13.4	3.4	20.8	4.2	2.1	8.7	8.4	1.1
1979	100.0	37.4	14.0	3.4	20.7	3.9	2.1	9.0	8.1	1.3
1980	100.0	37.9	14.2	3.4	20.5	3.7	2.3	8.9	7.9	1.3
1981	100.0	38.1	13.9	3.5	19.8	3.7	2.1	9.1	8.2	1.5
1982	100.0	39.1	13.8	3.6	18.9	3.7	2.0	9.5	8.2	1.2
1983	100.0	39.4	14.8	3.7	17.9	3.6	2.1	9.2	8.2	1.2
1984	100.0	38.6	15.2	3.7	17.7	3.8	2.0	9.1	8.8	1.2
1985	100.0	38.0	14.9	3.8	18.1	3.5	2.4	8.9	8.9	1.4
1986	100.0	37.8	15.0	3.8	18.5	3.5	2.4	8.6	9.1	1.3
1987	100.0	38.4	15.2	3.9	18.4	3.1	2.6	7.7	9.4	1.4
1988	100.0	37.5	15.2	3.8	18.7	3.5	2.5	7.7	9.6	1.5
1989	100.0	38.0	15.2	3.7	18.4	3.4	2.5	7.5	9.7	1.6
1990	100.0	37.8	14.7	3.7	18.6	3.4	2.5	7.5	9.9	1.8
1991	100.0	38.3	14.8	3.8	17.8	3.2	2.6	7.8	10.3	1.6
1992	100.0	38.2	14.8	3.7	17.4	3.2	2.5	7.5	11.1	1.6
1993	100.0	38.4	14.1	3.5	17.9	3.2	2.7	7.3	11.4	1.7
1994	100.0	38.5	13.9	3.6	17.7	3.2	2.8	7.3	11.4	1.8
Public universities <sup>2</sup>										
1977	100.0	39.0	13.0	3.7	18.4	3.5	8.1	9.1	4.0	1.2
1978	100.0	39.2	13.2	3.8	18.6	3.4	7.9	9.2	3.8	1.0
1979	100.0	39.1	13.1	3.7	18.9	3.2	8.2	9.3	3.5	1.0
1980	100.0	38.8	12.5	3.8	19.5	3.7	8.1	9.2	3.5	1.0
1981	100.0	38.5	12.9	3.8	19.7	3.2	8.3	9.1	3.5	1.0
1982	100.0	38.8	13.1	3.8	19.3	3.2	8.1	9.4	3.5	0.9
1983	100.0	38.8	13.1	3.8	19.2	3.3	8.1	9.4	3.5	0.9
1984	100.0	38.6	13.1	3.7	19.1	3.3	8.0	9.4	3.6	1.0
1985	100.0	38.3	13.7	3.7	19.4	3.2	8.0	9.2	3.6	0.9
1986	100.0	37.7	13.9	3.7	19.7	3.2	8.0	8.8	3.8	1.2
1987	100.0	38.0	14.0	3.7	20.0	3.1	7.8	8.3	3.8	1.2
1988	100.0	37.3	13.9	3.7	20.6	3.2	7.8	8.1	4.0	1.4
1989	100.0	36.8	13.9	3.7	21.0	3.1	8.0	7.9	4.2	1.3
1990	100.0	36.6	13.8	3.7	21.4	3.1	8.1	7.8	4.3	1.4
1991	100.0	36.3	13.7	3.6	21.7	3.0	8.2	7.6	4.5	1.4
1992	100.0	36.0	13.3	3.7	22.0	3.0	8.3	7.4	4.9	1.5
1993	100.0	35.7	13.1	3.7	22.3	2.9	8.3	7.2	5.3	1.5
1994	100.0	35.3	13.3	3.7	22.4	2.9	8.1	7.2	5.6	1.5
Private 4-year colleges										
1977	100.0	37.3	20.4	7.4	5.0	3.9	2.4	11.2	10.0	2.3
1978	100.0	37.5	20.6	7.6	4.8	3.9	2.2	11.3	9.8	2.3
1979	100.0	37.2	20.7	7.7	5.2	3.8	2.2	11.2	9.6	2.3
1980	100.0	36.7	20.8	7.8	5.3	3.7	2.2	11.4	9.8	2.4
1981	100.0	36.1	21.1	7.9	5.1	3.6	2.3	11.5	10.1	2.3
1982	100.0	36.1	21.4	8.0	4.6	3.6	2.5	11.4	10.1	2.2
1983	100.0	36.2	21.7	8.2	4.5	3.6	2.4	11.1	10.0	2.2
1984	100.0	36.0	21.6	8.2	4.4	3.6	2.4	10.9	10.6	2.2
1985	100.0	35.6	21.7	8.3	4.6	3.5	2.4	10.6	11.1	2.3
1986	100.0	35.1	21.7	8.3	4.8	3.5	2.6	10.2	11.5	2.3
1987	100.0	34.3	22.8	8.3	4.9	2.9	2.7	9.7	12.1	2.2
1988	100.0	34.1	22.1	8.4	5.0	3.2	3.0	9.5	12.8	2.0
1989	100.0	33.8	22.2	8.5	5.0	3.1	2.9	9.4	12.9	2.2
1990	100.0	33.5	21.9	8.5	4.9	3.1	3.1	9.1	13.6	2.2
1991	100.0	33.4	22.2	8.7	4.4	2.9	3.1	8.9	14.2	2.2
1992	100.0	33.1	21.4	8.7	4.3	3.0	3.2	8.6	15.7	2.1
1993	100.0	32.8	20.7	8.7	4.4	2.9	3.5	8.5	16.5	2.1
1994	100.0	32.3	20.6	8.7	4.4	2.9	3.5	8.4	17.1	2.1

**Table 54-1 Percentage distribution of educational and general expenditures of institutions of higher education per full-time-equivalent (FTE) student, by expenditure categories, and control and type of institution: Academic years ending 1977-94 - Continued**

Academic year ending	Total	Instruction	Administration <sup>1</sup>	Student services	Research	Libraries	Public service	Operation and maintenance of plant	Scholarships and fellowships	Mandatory transfers
<b>Public 4-year colleges</b>										
1977	100.0	46.4	16.7	5.8	7.0	3.9	2.9	11.5	3.9	2.0
1978	100.0	46.2	16.7	6.0	7.1	3.9	2.9	11.7	3.5	2.1
1979	100.0	45.6	17.1	6.2	7.5	3.8	2.9	11.6	3.2	2.0
1980	100.0	44.9	17.3	6.2	8.0	3.8	3.1	11.7	3.3	1.8
1981	100.0	44.8	17.2	6.1	7.9	3.9	3.1	11.9	3.1	1.8
1982	100.0	45.7	17.6	5.8	7.6	3.7	3.1	12.1	2.8	1.6
1983	100.0	45.7	17.4	5.9	7.5	3.7	3.1	12.1	2.9	1.7
1984	100.0	45.1	18.2	6.3	7.5	3.8	3.1	11.3	2.9	1.7
1985	100.0	44.8	18.4	6.2	7.7	3.7	3.3	11.7	2.7	1.6
1986	100.0	45.0	18.4	6.2	8.2	3.6	3.3	10.7	2.9	1.8
1987	100.0	44.7	18.7	6.1	8.6	3.2	3.6	10.4	3.1	1.6
1988	100.0	44.6	18.4	6.2	8.9	3.3	3.7	10.1	3.1	1.6
1989	100.0	44.6	18.2	6.1	9.4	3.3	3.8	9.9	3.1	1.6
1990	100.0	44.4	18.7	6.1	9.3	3.3	4.0	9.6	3.2	1.6
1991	100.0	44.3	18.6	6.2	9.5	3.1	4.0	9.4	3.3	1.5
1992	100.0	43.2	18.9	6.1	9.7	3.1	4.3	9.1	4.1	1.6
1993	100.0	42.0	19.4	6.5	9.8	3.0	4.4	8.9	4.4	1.6
1994	100.0	42.1	18.8	6.2	10.1	3.0	4.4	8.9	4.9	1.6
<b>Public 2-year colleges</b>										
1977	100.0	51.1	18.1	8.4	0.3	3.5	2.0	11.2	2.9	2.4
1978	100.0	50.6	19.4	8.2	0.2	3.5	2.1	11.3	2.2	2.4
1979	100.0	50.2	19.5	8.4	0.4	3.4	1.9	11.3	2.2	2.6
1980	100.0	50.3	19.0	8.6	0.4	3.2	2.2	11.7	2.3	2.2
1981	100.0	50.6	19.1	8.7	0.4	3.1	2.2	12.0	2.3	1.7
1982	100.0	50.9	19.0	8.8	0.2	3.4	1.9	12.3	2.1	1.5
1983	100.0	50.9	19.5	8.9	0.2	3.0	1.5	12.3	2.1	1.6
1984	100.0	50.8	19.8	8.8	0.2	3.0	1.7	12.2	2.0	1.5
1985	100.0	50.3	20.2	8.8	0.2	2.9	2.0	12.1	2.2	1.4
1986	100.0	49.9	20.7	9.0	0.1	2.9	2.0	11.9	2.2	1.4
1987	100.0	49.6	21.8	9.4	0.1	2.3	2.2	11.5	2.2	0.8
1988	100.0	49.2	21.3	9.9	0.1	2.7	2.3	11.4	2.4	0.8
1989	100.0	49.6	21.5	9.5	0.1	2.6	2.5	11.2	2.4	0.7
1990	100.0	49.8	21.5	9.7	0.1	2.5	2.4	11.0	2.3	0.7
1991	100.0	49.9	21.6	9.9	0.1	2.5	2.4	10.7	2.4	0.6
1992	100.0	50.3	20.9	10.2	0.2	2.4	2.2	10.4	2.8	0.6
1993	100.0	50.1	20.9	10.4	0.2	2.3	2.3	10.1	3.1	0.6
1994	100.0	49.4	21.0	10.4	0.2	2.3	2.4	10.3	3.4	0.7

<sup>1</sup> Includes institutional and academic support. Libraries were excluded.

<sup>2</sup> Includes doctoral-granting institutions with and without medical schools.

NOTE: The Higher Education Price Index (HEPI) was used to calculate constant dollars and the Consumer Price Index (CPI) was used to forecast the HEPI to July 1996. Data for academic years 1976-77 through 1993-94 include only institutions that provided both enrollment and finance data. Details may not add to totals due to rounding.

Alternative approaches to calculating adjusted costs and expenditures can be found in the following publications: Kent Haistead, *Initiation Measures for Schools, Colleges, and Libraries: 1995 update* (Washington, D.C.: Research Associates of Washington, September 1995), and Richard Rotnstein with Karen Hawley Miles, *Where's the Money Gone?* (Washington, D.C.: Economic Policy Institute, 1995).

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Digest of Educational Statistics, 1996*, tables 338-342 (based on the IPEDS/HEGIS "Fall Enrollment," "Financial Statistics," and "Institutional Characteristics" surveys).

**Table 54-2 Educational and general expenditures of institutions of higher education per full-time-equivalent (FTE) student (in 1996 constant dollars), by expenditure categories, and control and type of institution: Academic years ending 1977-94**

Academic year ending	Total	Instruction	Administration <sup>1</sup>	Student services	Research	Libraries	Public service	Operation and maintenance of plant	Scholarships and fellowships	Mandatory transfers
Private universities <sup>2</sup>										
1977	\$23,644	\$8,990	\$3,131	\$788	\$4,979	\$983	\$529	\$2,072	\$1,918	\$254
1978	23,365	8,867	3,121	786	4,855	981	494	2,043	1,953	265
1979	23,660	8,841	3,321	814	4,901	924	496	2,129	1,918	314
1980	24,003	9,088	3,403	808	4,927	885	554	2,130	1,900	307
1981	24,268	9,251	3,381	853	4,808	894	502	2,210	1,996	372
1982	24,201	9,452	3,348	881	4,581	896	488	2,291	1,979	284
1983	24,397	9,606	3,615	907	4,359	880	504	2,245	1,995	286
1984	26,185	10,098	3,989	966	4,643	994	518	2,370	2,298	310
1985	27,276	10,367	4,071	1,029	4,948	958	662	2,432	2,434	374
1986	28,306	10,690	4,246	1,088	5,232	987	673	2,434	2,582	372
1987	30,920	11,877	4,698	1,193	5,703	944	789	2,391	2,894	430
1988	31,288	11,745	4,751	1,193	5,856	1,094	768	2,421	2,996	463
1989	31,994	12,150	4,851	1,197	5,894	1,081	799	2,402	3,115	504
1990	32,324	12,224	4,763	1,200	6,022	1,098	820	2,432	3,190	575
1991	33,318	12,759	4,922	1,251	5,925	1,061	853	2,586	3,426	535
1992	34,328	13,100	5,072	1,264	5,983	1,110	862	2,584	3,809	544
1993	35,241	13,528	4,957	1,241	6,291	1,111	944	2,580	4,005	586
1994	36,280	13,955	5,031	1,291	6,405	1,159	1,009	2,639	4,149	641
Public universities <sup>2</sup>										
1977	\$15,273	\$5,955	\$1,983	\$563	\$2,803	\$538	\$1,239	\$1,392	\$613	\$187
1978	15,409	6,046	2,027	585	2,860	517	1,211	1,416	588	160
1979	15,969	6,238	2,092	593	3,023	515	1,303	1,481	561	162
1980	15,799	6,124	1,981	597	3,080	584	1,275	1,448	554	157
1981	15,536	5,985	2,000	586	3,055	503	1,290	1,415	548	155
1982	15,334	5,953	2,008	576	2,953	497	1,244	1,437	534	132
1983	15,300	5,941	2,005	575	2,935	503	1,237	1,439	535	131
1984	15,671	6,043	2,058	585	2,996	525	1,259	1,480	568	156
1985	16,423	6,286	2,251	608	3,190	528	1,316	1,512	587	146
1986	17,062	6,430	2,374	628	3,357	551	1,371	1,508	642	200
1987	17,374	6,601	2,436	647	3,471	534	1,361	1,444	668	211
1988	17,830	6,656	2,476	665	3,672	570	1,388	1,446	710	246
1989	18,180	6,694	2,531	679	3,809	566	1,458	1,440	763	242
1990	18,119	6,627	2,496	664	3,870	556	1,461	1,420	774	252
1991	18,444	6,688	2,525	670	4,008	551	1,506	1,400	831	265
1992	18,362	6,616	2,443	676	4,036	550	1,518	1,351	906	267
1993	18,786	6,699	2,470	693	4,194	549	1,553	1,354	992	282
1994	19,171	6,768	2,558	711	4,288	562	1,556	1,374	1,066	287
Private 4-year colleges										
1977	\$11,656	\$4,353	\$2,376	\$865	\$589	\$455	\$281	\$1,304	\$1,161	\$272
1978	11,604	4,351	2,388	881	559	457	254	1,314	1,133	268
1979	11,746	4,367	2,436	906	615	450	257	1,321	1,122	273
1980	11,947	4,380	2,480	930	633	440	259	1,366	1,175	283
1981	11,989	4,323	2,533	951	606	431	277	1,383	1,207	276
1982	12,156	4,388	2,601	976	562	433	306	1,390	1,226	273
1983	12,410	4,496	2,689	1,019	553	452	299	1,383	1,245	274
1984	12,828	4,613	2,777	1,054	568	459	307	1,401	1,360	288
1985	13,304	4,736	2,883	1,102	606	468	325	1,407	1,476	301
1986	13,762	4,825	2,987	1,143	667	478	352	1,410	1,586	312
1987	14,587	5,008	3,331	1,214	711	420	394	1,421	1,761	326
1988	14,937	5,089	3,300	1,254	752	471	442	1,418	1,906	304
1989	15,097	5,102	3,348	1,278	754	471	441	1,420	1,954	328
1990	15,339	5,143	3,358	1,311	746	474	477	1,403	2,088	340
1991	15,592	5,211	3,469	1,355	690	451	478	1,385	2,218	336
1992	16,001	5,295	3,417	1,389	682	477	517	1,372	2,516	337
1993	16,134	5,292	3,340	1,397	708	465	561	1,363	2,666	341
1994	16,524	5,344	3,401	1,443	723	480	584	1,382	2,823	345

**Table 54-2 Educational and general expenditures of institutions of higher education per full-time-equivalent (FTE) student (in 1996 constant dollars), by expenditure categories, and control and type of institution: Academic years ending 1977-94 - Continued**

Academic year ending	Total	Instruc- tion	Admini- stration <sup>1</sup>	Student services	Research	Libraries	Public service	Operation and main- tenance of plant	Scholar- ships and fellowships	Mandatory transfers
<b>Public 4-year colleges</b>										
1977	\$11,137	\$5,166	\$1,854	\$642	\$779	\$436	\$321	\$1,285	\$434	\$220
1978	11,233	5,193	1,876	672	795	434	322	1,313	391	238
1979	11,592	5,289	1,984	722	872	438	334	1,347	374	231
1980	11,721	5,259	2,024	732	936	447	359	1,372	382	211
1981	11,591	5,196	1,993	712	921	451	360	1,379	364	214
1982	11,546	5,271	2,030	673	876	432	355	1,401	325	183
1983	11,267	5,145	1,961	667	848	412	346	1,369	332	187
1984	11,384	5,138	2,075	717	858	429	354	1,290	326	199
1985	12,029	5,388	2,212	748	932	439	396	1,402	321	191
1986	12,424	5,596	2,289	773	1,013	445	405	1,325	356	222
1987	12,429	5,557	2,325	763	1,068	402	444	1,288	382	200
1988	12,671	5,650	2,335	786	1,125	424	474	1,282	390	205
1989	12,485	5,569	2,278	763	1,168	412	477	1,231	382	204
1990	12,588	5,588	2,349	763	1,168	411	503	1,206	403	197
1991	12,239	5,428	2,276	762	1,163	376	485	1,156	408	185
1992	12,409	5,360	2,345	755	1,206	382	529	1,124	504	203
1993	12,849	5,395	2,489	840	1,260	380	562	1,148	566	209
1994	13,007	5,477	2,444	806	1,311	384	575	1,164	636	210
<b>Public 2-year colleges</b>										
1977	\$6,003	\$3,066	\$1,087	\$504	\$19	\$211	\$120	\$674	\$176	\$146
1978	6,034	3,054	1,171	494	11	213	128	685	133	146
1979	6,240	3,131	1,219	525	23	211	121	708	139	164
1980	6,136	3,086	1,166	530	25	196	137	720	143	132
1981	5,873	2,973	1,120	512	22	185	127	702	133	99
1982	5,874	2,989	1,116	518	12	199	112	721	121	86
1983	5,557	2,827	1,086	497	12	167	83	681	117	87
1984	5,636	2,864	1,117	495	12	168	96	688	114	82
1985	6,182	3,108	1,248	544	10	180	125	748	134	85
1986	6,364	3,176	1,317	571	6	184	126	758	140	86
1987	6,473	3,212	1,410	609	7	147	140	747	145	54
1988	6,381	3,140	1,356	633	6	173	145	726	153	48
1989	6,457	3,201	1,390	611	8	168	160	721	153	46
1990	6,277	3,125	1,347	608	9	160	152	690	142	42
1991	6,347	3,164	1,370	627	8	156	153	681	150	37
1992	6,064	3,050	1,270	619	9	147	136	628	168	36
1993	6,147	3,080	1,282	640	10	139	143	624	191	39
1994	6,462	3,189	1,359	672	10	150	152	665	221	43

<sup>1</sup> Includes institutional and academic support. Libraries were excluded.

<sup>2</sup> Includes doctoral-granting institutions with and without medical schools.

NOTE: The Higher Education Price Index (HEPI) was used to calculate constant dollars and the Consumer Price Index (CPI) was used to forecast the HEPI to July 1996. Data for academic years 1976-77 through 1993-94 include only institutions that provided both enrollment and finance data. Details may not add to totals due to rounding.

Alternative approaches to calculating adjusted costs and expenditures can be found in the following publications: Kent Halstead, *Inflation Measures for Schools, Colleges, and Libraries: 1995 Update* (Washington, D.C.: Research Associates of Washington, September 1995), and Richard Rothstein with Karen Hawley Miles, *Where's the Money Gone?* (Washington, D.C.: Economic Policy Institute, 1995).

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Digest of Educational Statistics, 1996*, tables 338-342 (based on the IPEDS/HGIS "Fall Enrollment," "Financial Statistics," and "Institutional Characteristics" surveys).